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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/659,585
				Filing Date	September 10, 2003
				First Named Inventor	Shunpei YAMAZAKI et al.
				Group Art Unit	2813
				Examiner Name	Heather Doty
Sheet	1	of	2	Attorney Docket Number	0756-7196

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
[Handwritten marks]		6,475,912		Harada	11/05/2002	
		2001/0015618		Yamazaki et al.	08/23/2001	
		2001/0030322		Yamazaki et al.	10/18/2001	
		2002/0070382		Yamazaki et al.	06/13/2002	
		2002/0079503		Yamazaki et al.	06/27/2002	
		2003/0090002		Sugawara et al.	05/15/2003	
		6,031,290		Miyazaki et al.	02/29/2000	
		5,889,291		Koyama et al.	03/30/1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ² (if known)				
[Handwritten marks]		JP	2000-058650			02/25/2000		Abst.
		JP	2001-236025			08/31/2001		Abst.
		JP	2001-254169			09/18/2001		Abst.
		JP	2002-353167			12/06/2002		Abst.
		JP	2001-313397			11/09/2001		Abst.
		JP	06-148685			05/27/1994		Abst.
		JP	07-235680			09/05/1995		Abst.
		JP	08-274336			10/18/1996		Abst.
		JP	2000-357671			12/26/2000		Abst.
		JP	10-090711			04/10/1998		Abst.
		EP	0 989 614			03/29/2000		Eng.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s); ² publisher, city and/or country where published.	T ³
[Handwritten mark]		M.A. Baldo et al., "Very High-Efficiency Green Organic Light-Emitting Devices Based on Electrophoresence," Applied Physics Letters, Vol. 75, No. 1, July 5, 1999, pp. 4-6	
[Handwritten mark]		Tsutsui et al., High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center," Japanese Journal of Applied Physics, Vol. 38, Part 12B, December 15, 1999, pp. L1502-L1504 <i>abstract only</i>	
[Handwritten mark]		M.A. Baldo et al., "Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices," Nature, Vol. 395, September 10, 1998, pp. 151-154	

Examiner Signature	Heather Doty	Date Considered	10/3/06
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		Application Number ¹	10/659585		
		Filing Date	September 10, 2003		
		First Named Inventor	Shunpei YAMAZAKI et al.		
		Group Art Unit	2813		
		Examiner Name	Heather Doty		
Sheet	2	of	2	Attorney Docket Number	0756-7196

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HD		Stanley Wolf "4.5.6.3 Contact-Hole and Via Filling with Selective Electroless Metal Deposition," Silicon Processing for the VLSI Era, Vol. 2, Process Integration, pp. 256-257	
HD		M. Hatano et al., "A Novel Self-Aligned Gate-Overlapped LDD Poly-Si TFT with High Reliability and Performance," IEDM 97, pp. 523-526	
HD		U.S. Patent Application Serial No. 10/245,701 entitled Semiconductor Device and Method of Manufacturing the Same filed 09/18/2002	

Examiner Signature	Heather A. Doty	Date Considered	10/3/05
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				Filing Date	September 11, 2003
				First Named Inventor	Shunpei YAMAZAKI et al.
				Group Art Unit	2812 2813
				Examiner Name	Unassigned H. Doty
Sheet	1	of	1	Attorney Docket Number	0756-7196

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H D D		JP	06-148685			05/27/1994		FULL
		JP	07-235680			09/05/1995		FULL
		JP	08-274336			10/18/1996		FULL

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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Group Art Unit	2812 2813
Examiner Name	Unassigned H. Doty
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HD		2002/0044124		Yamazaki et al.	04/18/2002	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
HD		JP	05-066421			03/19/1993		AB
HD		JP	11-016912			01/22/1999		AB
HD		JP	2001-196371			07/19/2001		AB
HD		JP	57-126967			08/06/1982		AB
HD		JP	61-235560			10/20/1986		AB
HD		JP	2002-108243			04/10/2002		AB
HD		EP	1 063 693			12/27/2000		ENG
HD		WO	00/36641			06/22/2000		AB

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HD		International Search Report dated December 24, 2003	

Examiner Signature	Heather A. Doty	Date Considered	10/3/05
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Sheet	1	of	1
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		Number	Kind Code ² (if known)			
S S S S S S S		2005/0014359		Segawa et al.	01/20/2005	
		2003/0127649		Chae	07/10/2003	
		2005/0020061		Fang et al.	01/27/2005	
		6,498,091		Chen et al.	12/24/2002	
		6,890,849		Kado et al.	05/10/2005	
		2002/0063287		Yamazaki et al.	05/30/2002	
		2004/0056855		Yamazaki et al.	03/25/2004	

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HD		Written Opinion for PCT/JP2003/11977 dated May 25, 2004.	

**Examiner
Signature**

Heather Dory

Date
Considered

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